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<p>(21) International Application Number: PCT/FI99/00321</p> <p>(22) International Filing Date: 21 April 1999 (21.04.99)</p> <p>(30) Priority Data: 980908 24 April 1998 (24.04.98) FI</p> <p>(71) Applicant (for all designated States except US): VALMET CORPORATION [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).</p> <p>(72) Inventor; and (75) Inventor/Applicant (for US only): NISKANEN, Heikki [FI/FI]; Satakunnanpolku 37, FIN-04400 Järvenpää (FI).</p> <p>(74) Agent: FORSSÉN & SALOMAA OY; Yrjönkatu 30, FIN-00100 Helsinki (FI).</p>			<p>(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments. In English translation (filed in Finnish).</p>
<p>(54) Title: REEL-UP</p> <p>(57) Abstract</p> <p>A reel-up/winder, comprising one or several members (11, 12) that support the reel/roll (10) to be formed onto a reel/roll spool (16), of which members at least one support member is a belt support member (12), which consists of a belt loop (15) which is supported by means of at least two rolls (13, 14), whose axes are substantially parallel to the axis of the reel/roll spool (16). Into the outer face of the mantle of at least one roll (13, 14) in said belt support member (12), a substantially spiral-shaped groove (204) has been formed, which extends across the axial width (1) of the roll mantle (202).</p>			